IN THE CLAIMS:

13. (Amended) The method of claim 11 wherein data signals are supplied to the waveguide so that the waveguide acts as a communication link for transmission of data from one place to another and the launching of the counter-propagating optical signals in the waveguide enables the integrity and security of the waveguide to be monitored.

16. (Amended) The method of claim 15 wherein the light is launched into both ends of the waveguide to provide the counter-propagating signals.

17. (Amended) The method of claim 15, wherein the light is launched into both ends of the waveguide from a single light source.

18. (Amended) The method of claim 15, wherein the parameter is quantified and/or identified from the modified signals.

REMARKS

Applicants amend claims 13 and 16-18, and claims 1-28 are pending in this application. Applicants respectfully request allowance of all the pending claims.

In the first section, the Examiner objects to the Specification under 37 C.F.R. §1.72(b) because it does not include an Abstract. In response, Applicants amend the specification to include an abstract.

With reference to section 2, Applicants have reviewed the specification and have not located any errors in the specification which require correction.

With reference to section 3, we believe that the description on page 28, line 18 is correct. The sensing system referred to at line 18 is in fact formed by the laser 100a and the detector and processor 100b. It should be noted that in the embodiment of Figure 4, a communication system is described which comprises the transmitter 200a and the transmitter 200b. Obviously, signals are generated at the transmitter 200a and launched along the fibre 10 and received by the receiver 200b. This part of the specification is merely indicating that the sensing system which is formed by the laser 100a as well as the detector and processor 100b, and the communication system